

Drafts Pending Active

- L1: (118483) disk adj1 drive
- L2: (27968) timing near3 reference
- L3: (3604) head adj1 (switch or switching)
- L4: (10) 1 same 2 same 3

 Failed Saved Favorites Tagged (0) UDC Oracle

Document	Patent	Case
US 118483	US 27968	US 3604
Searcher/Editor: DR		
1 same 2 same 3		

P (Patent)

T (Temporary Reference)

	Document	Issue Date	Paper	Title	Current US	Current EP	Next US	Next EP	Inventor	C	C	C	C	C	C	C
1	R C US 20040150904	20040805	11	Dynamic head switch timing recalibration and method and apparatus for processing color video signal from television signal disc drive recorder	360/63	360/31			Schell, David Louis et al.	<input checked="" type="checkbox"/>						
2	R C US 4514769	19850430	A	Method and apparatus for processing color video signal from television signal disc drive recorder	386/40				Gallo; Luigi C.	<input checked="" type="checkbox"/>						
3	R C US 4477847	19841016	A	Television signal disc drive recorder	360/60	386/125; 386/94			Knight; Howard W. et al.	<input checked="" type="checkbox"/>						
4	R C US 4349832	19820914	A	Digital data rate corrector and time base	348/500	375/365; 386/20			Gallo; Luigi C.	<input checked="" type="checkbox"/>						
5	R C US 4270150	19810526	A	Video frame storage recording and reproducing apparatus	386/86	360/22; 360/63;			Diermann; Joachim et al.	<input checked="" type="checkbox"/>						
6	R C US 4145704	19790320	A	Television subcarrier phase correction for controlled clock for providing non-symmetric clock signal generator	386/21				Gallo; Luigi C.	<input checked="" type="checkbox"/>						
7	R C US 4122487	19781024	A	Precision phase controlled clock for providing non-symmetric clock signal generator	348/539	327/156; 327/94			Beaulier; Daniel A. et al.	<input checked="" type="checkbox"/>						
8	R C US 4122478	19781024	A	Clock signal generator providing non-symmetric clock signal generator	348/505	348/509; 348/537			Gallo; Luigi C. et al.	<input checked="" type="checkbox"/>						
9	R C US 4122477	19781024	A	Method and apparatus for inserting synchronizing word into digital sync word	348/497	348/476; 348/521			Gallo; Luigi C.	<input checked="" type="checkbox"/>						
10	R C US 4119999	19781010	A	Apparatus for inserting a digital sync word	386/12	348/486; 348/505			Gallo; Luigi C.	<input checked="" type="checkbox"/>						

- Drafts  
 Pending  
 Active

- L1: (118483) disk adj1 drive
- L2: (27968) timing near3 reference
- L3: (3604) head adj1 (switch or switching)
- L4: (10) 1 same 2 same 3
- L5: (149141) calibrate or calibration
- L6: (250568) optimize or optimization
- L7: (7835) recalibrate or recalibration
- L8: (381090) 5 or 6 or 7
- L9: (1654) servo adj1 sector
- L10: (61) 1 and 2 and 3

- Failed

Document ID:	Patent	Open
Document ID:	USPTO-1000-SP1-EP1-PL-BX-TDB	
Search Scope:	OR	
[and 2 and 3]		

#	Document ID	Issue Date	Pages	Title	Current Off	Current On	Current At	Retrieval	Inventor	C	G	P	R	S	T	U
1	<input checked="" type="checkbox"/> US 20040150904	20040805	11	Dynamic head switch timing recalibration and writing multiple servo sector patterns to improve recording quality	360/63	360/31			Schell, David Louis et al.	<input checked="" type="checkbox"/>						
2	<input checked="" type="checkbox"/> US 20040100719	20040527		Method and apparatus for dubbing a recording	360/75	360/77.05			Wilson, Nathaniel Boyd et al.	<input checked="" type="checkbox"/>						
3	<input checked="" type="checkbox"/> US 2004021972	20040205		Monitoring a sensor's output using a target with sector patterns to improve recording quality	360/51	360/63			Settje, Christopher Thomas	<input checked="" type="checkbox"/>						
4	<input checked="" type="checkbox"/> US 2002063980	20020530		Method and apparatus for dubbing a recording	360/15				Satoh, Seiichi et al.	<input checked="" type="checkbox"/>						
5	<input checked="" type="checkbox"/> US 20011220	20011220		Method and system for controlling the position of a recording head	360/75				Kagami, Naoyuki et al.	<input checked="" type="checkbox"/>						
6	<input checked="" type="checkbox"/> US 2001053038	20010816		Head positioning control method and device	360/51	360/63; 360/78.04			Takaishi, Kazuhiko	<input checked="" type="checkbox"/>						
7	<input checked="" type="checkbox"/> US 6807023	20041019	B2	Method and apparatus for dubbing a recording	360/15	360/73.01			Satoh, Seiichi et al.	<input checked="" type="checkbox"/>						
8	<input checked="" type="checkbox"/> US 6735034	20040511	B1	Relative timing sequence for reader and writer	360/61	330/51; 360/46			Manjrekar, Ashish et al.	<input checked="" type="checkbox"/>						
9	<input checked="" type="checkbox"/> US 6724982	20040420	B1	Digital audiovisual magnetic disk doubly linked list	386/125	386/126			Hamlin, Christopher L.	<input checked="" type="checkbox"/>						
10	<input checked="" type="checkbox"/> US 6690537	20040210	B2	Method and system for controlling the position of a recording head	360/78.06	360/77.02; 360/78.04			Kagami, Naoyuki et al.	<input checked="" type="checkbox"/>						
11	<input checked="" type="checkbox"/> US 6577463	20030610	B1	Tangential misalignment precompensation in a disk drive	360/51	360/77.08			Frees, Gregory Michael et al.	<input checked="" type="checkbox"/>						
12	<input checked="" type="checkbox"/> US 6483659	20021119	B1	Disk drives	360/78.04	360/78.05			Kobayashi, Masahito et al.	<input checked="" type="checkbox"/>						
13	<input checked="" type="checkbox"/> US 6324132	20011127	B1	Method and system for controlling the position of a recording head	360/78.04				Kagami, Naoyuki et al.	<input checked="" type="checkbox"/>						
14	<input checked="" type="checkbox"/> US 6324027	20011127	B1	Method and apparatus for correcting random errors	360/51	360/75			Chainer, Timothy Joseph et al.	<input checked="" type="checkbox"/>						
15	<input checked="" type="checkbox"/> US 6307697	20011023	B1	Method and apparatus for correcting for systematic errors	360/51				Chainer, Timothy Joseph et al.	<input checked="" type="checkbox"/>						
16	<input checked="" type="checkbox"/> US 6288861	20010911	B1	Disk drive with sector numbers encoded by sequence	360/49	360/40; 360/77.08			Blaum, Mario et al.	<input checked="" type="checkbox"/>						

U	Document ID	Issue Date	Pages	Title	Current On	Current At	Retrival	Inventor	C	G	S	P	M
17	P	US 6259574	20010710	Trigger pattern B1	360/51	369/53.44		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
18	P	US 6252732	20010626	Method and apparatus for correcting systematic B1	360/51	360/75		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
19	P	US 6154335	20001128	Method and apparatus A	360/75	360/77.01; 360/77.03		Smith; Gordon J. et.al.	R	R	R	R	R
20	P	US 6128154	20001003	Servo control method for a high capacity hard disk drive	360/77.08	360/78.06; 360/78.08;		Bang; Ho-Yul	R	R	R	R	R
21	R	US 6101055	20000808	Trigger pattern A	360/51	360/31		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
22	R	US 6078450	20000620	Method and apparatus A	360/51	360/75		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
23	R	US 6075668	20000613	Method and apparatus A	360/51	360/75		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
24	R	US 6067206	20000523	Method and apparatus to compensate for servo we A	360/77.08	360/77.02		Hull; Richard W. et.al.	R	R	R	R	R
25	R	US 6005728	19991221	Disk recording medium A	360/49	360/135; 360/48		Bang; Ho-Yul	R	R	R	R	R
26	R	US 6002539	19991214	Method for calibrating a dual element magnetor A	360/65	360/67		Smith; Gordon J. et.al.	R	R	R	R	R
27	P	US 5991115	19991123	Method and apparatus A	360/75	360/77.03; 360/77.07		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
28	P	US 5937435	19990810	System and method for skip sector mapping in A	711/202	711/205; 711/206		Dobbek; Jeff J. et al.	R	R	R	R	R
29	P	US 5901003	19990504	Method and apparatus A	360/51	360/75; 360/76		Chainer; Timothy Joseph..et.al.	R	R	R	R	R
30	R	US 5872676	19990216	Method and apparatus A	360/77.03	360/135; 360/78.11		Smith; Gordon J. et.al.	R	R	R	R	R
31	R	US 5768044	19980616	Zoned recording A	360/77.08	360/78.14		Hetzler; Steven Robert..et.al.	R	R	R	R	R
32	R	US 5694265	19971202	Disk apparatus for detecting position of h A	360/77.05	360/51; 360/78.14		Kosugi; Tatsuhiko et.al.	R	R	R	R	R
33	R	US 5682272	19971028	Disk drive and method A	360/53	360/66		Taroda; Yuichi et al.	R	R	R	R	R
34	R	US 5666238	19970909	Data sector control A	360/77.08	360/51; 360/78.14		Igari; Fubito et al.	R	R	R	R	R
35	R	US 5523903	19960604	Sector architecture for fixed block disk drive A	360/77.08	360/48; 360/51		Hetzler; Steven R. et.al.	R	R	R	R	R
36	P	US 5301072	19940405	Sample data position error signal detection A	360/77.01	360/77.08		Wilson; Rosser S.	R	R	R	R	R
37	P	US 5278703	19940111	Embedded servo banded format for magnetic dis A	360/51	360/135; 360/40		Rub; Bernardo et al.	R	R	R	R	R
38	P	US 5274509	19931228	On-the-fly splitting of disk data blocks using A	360/48	360/51; 360/77.08		Buch; Bruce D.	R	R	R	R	R
39	P	US 5227783	19930713	Telemetry apparatus and method with digital to A	340/870.19	340/855.3; 340/855.4		Shaw; Harold L. et al.	R	R	R	R	R
40	P	US 5208556	19930504	Phase lock loop for sector servo system A	331/1A	331/14; 331/18;		Wilson; Rosser S.	R	R	R	R	R
41	R	US 5146183	19920908	Phase lock loop for A	331/1A	331/14;		Wilson; Rosser S.	R	R	R	R	R

U	Document ID	Issue Date	Pages	Title	Current On	Current At	Retrieval	Inventor	C	C	P	R	S
38	P r US 5274509	19931228	A	On-the-fly splitting of disk data blocks using method with digital to	360/48	360/51; 360/77.08		Buch; Bruce D.	r	r	r	r	r
39	P r US 5227783	19930713	A	Telemetry apparatus and method with digital to	340/870.19	340/855.3; 340/855.4;		Shaw; Harold L. et al.	r	r	r	r	r
40	P r US 5208556	19930504	A	Phase lock loop for sector servo system	331/1A	331/14; 331/18;		Wilson; Rosser S.	r	r	r	r	r
41	P r US 5146183	19920908	A	Phase lock loop for sector servo system	331/1A	331/14; 331/25;		Wilson; Rosser S.	r	r	r	r	r
42	P C US 5075805	19911224	A	Disk drive controller system	360/61			Peddle; Charles I. et al.	r	r	c	c	c
43	P C US 5016121	19910514	A	Disk drive controller system	360/39	360/60; 360/78.04		Peddle; Charles I. et al.	c	c	c	c	c
44	P C US 5016005	19910514	A	Telemetry apparatus and method	340/870.19	340/855.4; 340/870.01		Shaw; Harold L. et al.	r	c	c	c	c
45	P r US 5014237	19910507	A	Disk drive controller system with enhanced control	710/74			Masters; John R. et al.	c	r	c	c	c
46	P C US 4999714	19910312	A	Still video camera having video synchronization	386/119	358/906; 386/125		Vogel; Richard M. et al.	r	c	c	c	c
47	P C US 4989078	19910129	A	Still video camera for recording stereo images	348/47	386/119		Paxton; K. Bradley	r	r	r	r	r
48	P r US 4979054	19901218	A	Disk drive for storing data in run length limited format	360/48	360/40		McCullough; Robert B. et al.	r	r	r	r	r
49	P r US 4823212	19890418	A	Sampled servo code format and system for a	360/77.08	360/135; 360/78.14		Knowles; Vernon L. et al.	r	r	r	r	r
50	P r US 4724495	19880209	A	Digital formatter, controller and head assembly	360/22	360/32; 360/48;		Hedberg; David J. et al.	r	r	r	r	r
51	P C US 4577240	19860318	A	Multiple zone multiple disk video recording system	360/22	360/31; 360/32;		Hedberg; David J. et al.	r	c	c	c	c
52	P r US 4514769	19850430	92	Method and apparatus for processing color video	386/40			Gallo; Luigi C.	c	r	c	c	c
53	P C US 4477847	19841016	242	Television signal disc drive recorder	360/60	386/125; 386/94		Knight; Howard W. et al.	r	c	c	c	c
54	P r US 4349832	19820914	222	Digital data rate corrector and time base	348/500	375/365; 386/20		Gallo; Luigi C.	c	r	c	c	c
55	P C US 4270150	19810526	194	Video frame storage recording and reproducing	386/86	360/22; 360/63		Diermann; Joachim P. et al.	r	c	c	c	c
56	P r US 4208680	19800617	A	Real time magnetic video digital recording	360/78.06	386/121		Beaulier; Daniel A.	r	r	c	c	c
57	P r US 4145704	19790320	123	Television subcarrier phase correction for color	386/21			Gallo; Luigi C.	r	r	r	r	r
58	P r US 4122487	19781024	33	Precision phase controlled clock for sampling	348/539	327/156; 327/94		Beaulier; Daniel A. et al.	r	r	r	r	r
59	P r US 4122478	19781024	31	Clock signal generator providing non-symmetric	348/505	348/509; 348/537		Gallo; Luigi C. et al.	r	r	r	r	r
60	P r US 4122477	19781024	46	Method and apparatus for inserting synchronizing	348/497	348/476; 348/521		Gallo; Luigi C.	r	c	c	c	c
61	P r US 4119999	19781010	44	Apparatus for inserting a digital sync word, phase	386/12	348/486; 348/505		Gallo; Luigi C.	c	r	c	c	c

- L1: (118483) disk adj1 drive
- L2: (27968) timing near3 reference
- L3: (3604) head adj1 .(switch or switching)
- L4: (10) 1 same 2 same 3
- L5: (149141) calibrate or calibration
- L6: (250568) optimize or optimization
- L7: (7835) recalibrate or recalibration
- L8: (381090) 5 or 6 or 7
- L9: (1654) servo adj1 sector
- L10: (61) 1 and 2 and 3
- L11: (181) 1 and 3 and 8
- L12: (57) 9 and 11

Search:

Search operator: OR

S and II

 Home  
 Help  
 Search  
 Advanced Search  
 Preferences

#	Document ID	Issue Date	Pages	Title	Current DB	Current KB	Retrieval	Inventor	S	C	R	B	M
1	<input checked="" type="checkbox"/> US 20040255055	20041216		Method, system, and program for executing a dynamic head switch timing recalibration and vertical track zoning for disk drives.	710/5			Lamberts, Bernd	<input type="checkbox"/>				
2	<input checked="" type="checkbox"/> US 20040150904	20040805	11		360/63	360/31		Schell, David	<input type="checkbox"/>				
3	<input checked="" type="checkbox"/> US 20040136104	20040715			360/31	360/48; 360/61;		Louis, et.al.	<input type="checkbox"/>				
4	<input checked="" type="checkbox"/> US 20040100719	20040527	14	Writing multiple servo sector patterns to improve monitoring a sensor's output using a target w	360/75	360/77.05		Chiao, Jim et al.	<input type="checkbox"/>				
5	<input checked="" type="checkbox"/> US 20040021972	20040205	17	Compensation for variation in timing skew	360/51	360/63		Wilson, Nathaniel	<input type="checkbox"/>				
6	<input checked="" type="checkbox"/> US 20040021971	20040205		Phase-change microhead array chio_hard_disk_driver	360/51	360/63		Settje, Christopher	<input type="checkbox"/>				
7	<input checked="" type="checkbox"/> US 20030161245	20030828			369/95	369/120; 369/121		Thomas, Hanson, Reed David et al.	<input type="checkbox"/>				
8	<input checked="" type="checkbox"/> US 20030007442	20030109		Light intensity modulated direct overwriting	369/95	369/124.03		Reid, Joseph	<input type="checkbox"/>				
9	<input checked="" type="checkbox"/> US 20010001585	20010524		Storage apparatus and position sensitivity se	360/77.08			Reid, Joseph	<input type="checkbox"/>				
10	<input checked="" type="checkbox"/> US 6782449	20040824		Adaptively modifying a read caching algorithm	711/113	360/97.01; 711/4		Takahashi, Eisaku	<input type="checkbox"/>				
11	<input checked="" type="checkbox"/> US 6567886	20030520		B1. Disk drive apparatus and control method ther	711/111	711/158; 711/167		Codilian, Raffi et al.	<input type="checkbox"/>				
12	<input checked="" type="checkbox"/> US 6556367	20030429		B2. Storage apparatus and position sensitivity se	360/67	360/77.04; 360/77.08		Saitoh, Hirofumi et al.	<input type="checkbox"/>				
13	<input checked="" type="checkbox"/> US 6529685	20030304		Multimedia direct access storage device a	386/125	70/46		Takahashi, Eisaku	<input type="checkbox"/>				
14	<input checked="" type="checkbox"/> US 6499083	20021224		DISK-BASED STORAGE SYSTEM RESPONSIVE TO A B1. System and method for	711/112	711/154; 711/217		Ottesen, Hal Hjalmar et.al.	<input type="checkbox"/>				
15	<input checked="" type="checkbox"/> US 6385000	20020507			360/63	360/66		Hamlin, Christopher L.	<input type="checkbox"/>				

	Document ID	Issue Date	Pages	Title	Current CR	Current AR	Retrieval	Inventor	C	G	P	S	R
11	P R US 6499083	20021224	B1	DISK-BASED STORAGE SYSTEM RESPONSIVE TO A	711/112	711/154; 711/217		Hamlin; Christopher L.	□	□	□	□	□
12	P R US 6385000	20020507	B1	System and method for extending the operating range of a magnetoresistive head	360/63	360/66; 360/77.05;		Ottesen; Hal Hjalmar et al.	□	□	□	□	□
13	P R US 6384994	20020507	B1	Method for positioning a magnetoresistive head	360/25	360/72.1; 360/75;		Smith; Gordon J. et al.	□	□	□	□	□
14	P R US 6369974	20020409	B1	Disk drive with method of constructing a control device	360/78.14	360/75		Asgari; Saeed et al.	□	□	□	□	□
15	P R US 6297926	20011002	B1	Device and method for compensating for interleave errors	360/77.04			Ahn; Young-Sub	□	□	□	□	□
16	P R US 6292320	20010918	B1	Disk drive with dual stage actuator radial control	360/63	360/76; 360/77.04;		Mason; Jeffrey E. et al.	□	□	□	□	□
17	P R US 6272565	20010807	B1	Method, system, and program for reordering optical data storage fixed hard disk drive units	710/43	360/72.2; 710/39;		Lamberts; Bernd	□	□	□	□	□
18	P R US 6266712	20010724	B1	Optical data storage fixed hard disk drive unit	710/8			Henrichs; Joseph Reid	□	□	□	□	□
19	P R US 6249824	20010619	B1	Magnetic data storage fixed hard disk drive unit	710/8	360/97.01		Henrichs; Joseph Reid	□	□	□	□	□
20	P R US 6208804	20010327	B1	Multimedia direct access storage device and apparatus	386/125	386/126		Ottesen; Hal Hjalmar et al.	□	□	□	□	□
21	P R US 6154335	20001128	A 39	Method and apparatus for positioning a dual magnetic head	360/75	360/77.01; 360/77.03		Smith; Gordon J. et al.	□	□	□	□	□
22	P R US 6128717	20001003	A	Method and apparatus for storage application	711/202	710/11; 710/15;		Harrison; Joel N. et al.	□	□	□	□	□
23	P R US 6122131	20000919	A	Adaptively-controlled disk drive assembly	360/77.02	360/313; 360/77.08		Jeppson; David B.	□	□	□	□	□
24	P R US 6105104	20000815	A	Method and apparatus for optimizing the data transfer rate	711/4	360/61; 360/78.08		Guttmann; James Edward et al.	□	□	□	□	□
25	P R US 6094320	20000725	A	Device and method for compensating for interleave errors	360/77.04			Ahn; Young-Sub	□	□	□	□	□
26	P R US 6084754	20000704	A	Method and apparatus for positioning a magnetic head	360/135			Smith; Gordon J. et al.	□	□	□	□	□
27	P R US 6081397	20000627	A	Method and apparatus for SID-to-SID period adjustment	360/51	360/47; 360/77.08;		Belser; Karl Arnold	□	□	□	□	□
28	P R US 6078447	20000620	A	Staggered servo writing method in a hard disk drive	360/48	360/66		Sim; Dong-Goo	□	□	□	□	□
29	P R US 6031683	20000229	A	Method for optimization of seek and settle performance	360/78.04	360/63; 360/77.08		Iverson; David Eugene et al.	□	□	□	□	□
30	P R US 6002539	19991214	A 39	Method for calibrating a dual element magnetoresistive head	360/65	360/67		Smith; Gordon J. et al.	□	□	□	□	□
31	P R US 5930493	19990727	A	Multimedia server system and method for controlling a multimedia server	725/92	725/93; 725/99		Ottesen; Hal Hjalmar et al.	□	□	□	□	□
32	P R US 5880901	19990309	A	Method and apparatus for positioning a magnetic head	360/75	360/25; 360/77.04		Smith; Gordon J. et al.	□	□	□	□	□
33	P R US 5872676	19990216	A 39	Method and apparatus for positioning a dual magnetic head	360/77.03	360/135; 360/78.11		Smith; Gordon J. et al.	□	□	□	□	□
34	P R US 5751883	19980512	A	Multimedia direct access storage device and apparatus	386/27	386/125; 711/112;		Ottesen; Hal Hjalmar et al.	□	□	□	□	□
35	P R US 5739972	19980414	A	Method and apparatus	360/77.03	360/78.11		Smith; Gordon J.	□	□	□	□	□

U	D	Document ID	Issue Date	Pages	Title	Current On	Current At	Patent/oval	Inventor(s)	C	C	P	P	S	S
34	P	US 5930493	19990727	A	Multimedia server system_and_method_for_a	725/92	725/93; 725/99		Ottesen; Hal Hjalmar et.al.	□	□	□	□	□	□
35	P	US 5880901	19990309	A	Method and apparatus for_positioning_a_magne	360/75	360/25; 360/77.04		Smith; Gordon J. et.al.	□	□	□	□	□	□
36	P	US 5872676	19990216	39	Method and apparatus for_positioning_a_dual	360/77.03	360/135; 360/78.11		Smith; Gordon J. et.al.	□	□	□	□	□	□
37	P	US 5751883	19980512	A	Multimedia direct access_storage_device_a	386/27	386/125; 711/112		Ottesen; Hal Hjalmar et.al.	□	□	□	□	□	□
38	P	US 5739972	19980414	A	Method and apparatus for_positioning_a_magne	360/77.03	360/78.11		Smith; Gordon J. et.al.	□	□	□	□	□	□
39	P	US 5721878	19980224	A	Multimedia control system_and_method_for_a	725/87			Ottesen; Hal Hjalmar et.al.	□	□	□	□	□	□
40	P	US 5721815	19980224	A	Media-on-demand communication_system_an	715/721	709/219; 710/7;		Ottesen; Hal Hjalmar et.al.	□	□	□	□	□	□
41	P	US 5475540	19951212	A	Magnetic data storage disk_drive_with_data_bu	360/48	360/51; 360/77.08		Gold; Clifford M.	□	□	□	□	□	□
42	P	US 5444583	19950822	A	Disk drive having on-board_triggered_digi	360/78.09	324/226; 360/69		Ehrlich; Richard M. et.al.	□	□	□	□	□	□
43	P	US 5379439	19950103	A	Fixed disk drive mounted_to_printed_circ	360/72.1	711/111; 712/38		Harrison; Joel N. et.al.	□	□	□	□	□	□
44	P	US 5301072	19940405	21	Sample data position error_signal_detection	360/77.01	360/77.08		Wilson; Rosser S.	□	□	□	□	□	□
45	P	US 5255136	19931019	A	High capacity submicro-winchester_fix	360/77.02	360/77.05; 360/77.08		Machado; Michael G. et.al.	□	□	□	□	□	□
46	P	US 5206570	19930427	A	Actuator servo compensation_method	318/611	318/561; 318/615;		Hargarten; Jim et al.	□	□	□	□	□	□
47	P	US 5084791	19920128	A	Head position control system_for_fixed_drive	360/77.04	360/77.03; 360/77.08		Thanos; William N. et.al.	□	□	□	□	□	□
48	P	US 5075805	19911224	87	Disk drive controller system	360/61			Peddle; Charles I. et.al.	□	□	□	□	□	□
49	P	US 5016121	19910514	88	Disk drive controller system	360/39	360/60; 360/78.04		Peddle; Charles I. et.al.	□	□	□	□	□	□
50	P	US 5014237	19910507	99	Disk drive controller system_with_enhanced_co	710/74			Masters; John R. et.al.	□	□	□	□	□	□
51	P	US 5005089	19910402	A	High performance, high capacity_micro-winchest	360/77.08	360/77.03; 360/77.04		Thanos; William N. et.al.	□	□	□	□	□	□
52	P	US 4979054	19901218	87	Disk drive for storing data_in_run_length_limi	360/48	360/40		McCullough; Robert B. et.al.	□	□	□	□	□	□
53	P	US 4882671	19891121	A	Microprocessor controlled_rigid_disk_f	711/4	360/75; 360/77.04		Graham; Randolph H. et.al.	□	□	□	□	□	□
54	P	US 4860194	19890822	A	A method for using a modular_unitary_disk_fi	360/98.01	360/902		Harrison; Joel N. et.al.	□	□	□	□	□	□
55	P	US 4819153	19890404	A	Microprocessor controlled_rigid_disk_f	360/69	360/75; 360/99.08		Graham; Randolph H. et.al.	□	□	□	□	□	□
56	P	US 4786990	19881122	A	Servo gain compensation in_a_disc_drive	360/65	360/67; 360/75;		Overton; Wallace H. et.al.	□	□	□	□	□	□
57	P	US 4639863	19870127	A	Modular unitary disk file_subsystem	360/97.01	360/902; 360/98.01		Harrison; Joel N. et.al.	□	□	□	□	□	□